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CENTRAL FAX CENTER****APR 13 2007****IN THE SPECIFICATION:**

Please replace paragraph [0002] with the following paragraph:

[0002] This application claims the benefit of U.S. Provisional Application No. 60/319,671
~~6,319,671~~ filed November 6, 2002. The disclosure of the provisional application is
incorporated herein by reference.

Please replace paragraph [0033] with the following paragraph:

[0033] FIG. 6 is an illustration of an attenuation or SNR curve for a twisted pair loop plant as ~~is~~
is known in the art.

Please add the following two paragraphs after paragraph [0036]

FIG. 10 is an illustration of the equations in accordance with the present invention.

FIG. 11 is an illustration of the equations in accordance with the present invention.